

SFUND RECORDS CTR  
2360375



# Potential Hazardous Waste Site

## Site Inspection Report



# Site Inspection Report



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

I. IDENTIFICATION

01 STATE CA 02 SITE NUMBER D000072769

II. SITE NAME AND LOCATION

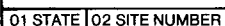
|  |  |  |                             |                          |                    |                  |
|--|--|--|-----------------------------|--------------------------|--------------------|------------------|
| 01 SITE NAME (Legal, common, or descriptive name of site)<br><u>Tosco Corporation Refinery</u>   |  | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER<br><u>6500 Refinery Avenue</u> |                             |                          |                    |                  |
| 03 CITY<br><u>Bakersfield</u>  |  | 04 STATE<br><u>CA</u>  | 05 ZIP CODE<br><u>93308</u> | 06 COUNTY<br><u>KERN</u> | 07 COUNTY CODE<br> | 08 CONG DIST<br> |
| 09 COORDINATES<br>LATITUDE<br>   |  | LONGITUDE<br>  |                             |                          |                    |                  |
| 10 TYPE OF OWNERSHIP (Check one)<br><input type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN |  |  |                             |                          |                    |                  |

III. INSPECTION INFORMATION

|  |  |   |  |   |  |   |
|--|--|---|--|---|--|---|
| 01 DATE OF INSPECTION<br><u>1, 20, 83</u><br>MONTH DAY YEAR  |  | 02 SITE STATUS<br><input checked="" type="checkbox"/> ACTIVE<br><input type="checkbox"/> INACTIVE |  | 03 YEARS OF OPERATION<br><u>1943</u>   <u>1970</u>   <u> </u> UNKNOWN<br>BEGINNING YEAR ENDING YEAR |  |   |
| 04 AGENCY PERFORMING INSPECTION (Check all that apply)<br><input checked="" type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <u> </u> (Name of firm) <input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR <u> </u> (Name of firm)<br><input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR <u> </u> (Name of firm) <input type="checkbox"/> G. OTHER <u> </u> (Specify) |  |   |  |   |  |   |
| 05 CHIEF INSPECTOR<br><u>DANIEL M. SHANE</u>   |  | 06 TITLE<br><u>Field Investigator</u>   |  | 07 ORGANIZATION<br><u>EPA</u>   |  | 08 TELEPHONE NO.<br><u>(415) 974-7842</u> |
| 09 OTHER INSPECTORS<br><u>Luis</u>   |  | 10 TITLE  |  | 11 ORGANIZATION   |  | 12 TELEPHONE NO.<br>( )                   |
| <u>Tony</u>  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
| 13 SITE REPRESENTATIVES INTERVIEWED<br><u>JACK L. Canfield</u>   |  | 14 TITLE<br><u>MBR ENV. AFFAIRS</u>   |  | 15 ADDRESS<br><u>Tosco Corporation</u>  |  | 16 TELEPHONE NO.<br><u>(805) 861-7422</u> |
| <u>BILL KERSTAN</u> <sup>KORPEN</sup> <sub>ROBINSON</sub>  |  | <u>ENV. ENGINEER</u>  |  | <u>Tosco Corporation</u>  |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
|  |  |   |  |   |  | ( )                                       |
| 17 ACCESS GAINED BY<br>(Check one)<br><input checked="" type="checkbox"/> PERMISSION<br><input type="checkbox"/> WARRANT   |  | 18 TIME OF INSPECTION   |  | 19 WEATHER CONDITIONS   |  |   |

IV. INFORMATION AVAILABLE FROM

|  |  |  |                                  |                                     |   |
|--|--|--|----------------------------------|-------------------------------------|---|
| 01 CONTACT<br><u>Scott Smith</u>   |  | 02 OF (Agency/Organization)<br><u>CRWQCB, Fresno Branch Office</u> |                                  |                                     | 03 TELEPHONE NO.<br><u>(209) 445-5116</u>     |
| 04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM<br><u>DANIEL M. SHANE</u> |  | 05 AGENCY<br><u>EPA</u>  | 06 ORGANIZATION<br><u>TOXICS</u> | 07 TELEPHONE NO.<br><u>974-7842</u> | 08 DATE<br><u>3, 11, 83</u><br>MONTH DAY YEAR |



☐ I. HIGHLY VOLATILE  
☐ J. EXPLOSIVE  
☐ K. REACTIVE  
☐ L. INCOMPATIBLE  
☐ M. NOT APPLICABLE

## EPA FORM 2070-13 (7-81)



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION

02 ☒ OBSERVED (DATE: 2/26/82)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

Tosco's first quarterly groundwater analysis report indicated the facility may be affecting the quality of the groundwater. Significant concentrations of phenol, arsenic and chromium were measured in the upper aquifer.

01 ☐ B. SURFACE WATER CONTAMINATION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

01 ☒ C. CONTAMINATION OF AIR

02 ☒ OBSERVED (DATE: 6/6/83)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 676785

04 NARRATIVE DESCRIPTION

RWQCB & Kern County APCD substantiated complaints of odors in air from local residents.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

01 ☐ E. DIRECT CONTACT

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_

(Acres)

04 NARRATIVE DESCRIPTION

Landfill disposal areas, abandoned impoundments and drainage ditches. acid/alkaline area

01 ☒ G. DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

No reports of local drinking water contamination

01 ☐ H. WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/Runoff/Standing liquids, Leaking drums)

02 ☒ OBSERVED (DATE: 11/20/85)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: ponded liquids haz. storage area

04 NARRATIVE DESCRIPTION

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

see site description

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

E&E SI



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION  
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. PERMIT INFORMATION

|  |                  |                |                    |                     |
|--|------------------|----------------|--------------------|---------------------|
| 01 TYPE OF PERMIT ISSUED<br>(Check all that apply)         | 02 PERMIT NUMBER | 03 DATE ISSUED | 04 EXPIRATION DATE | 05 COMMENTS         |
| <input checked="" type="checkbox"/> A. NPDES               |                  | 8/15/80        |                    |                     |
| <input type="checkbox"/> B. UIC                            |                  |                |                    |                     |
| <input checked="" type="checkbox"/> C. AIR                 |                  |                |                    | Kern County AICD    |
| <input checked="" type="checkbox"/> D. RCRA                |                  |                |                    |                     |
| <input checked="" type="checkbox"/> E. RCRA INTERIM STATUS | CAD000072769     | 7/20/81        |                    | call DOE, not RCRA? |
| <input type="checkbox"/> F. SPCC PLAN                      |                  |                |                    |                     |
| <input checked="" type="checkbox"/> G. STATE (Specify)     |                  |                |                    | Initiation well     |
| <input type="checkbox"/> H. LOCAL (Specify)                |                  |                |                    |                     |
| <input type="checkbox"/> I. OTHER (Specify)                |                  |                |                    |                     |
| <input type="checkbox"/> J. NONE                           |                  |                |                    |                     |

III. SITE DESCRIPTION

|  |           |                    |  |  |
|--|-----------|--------------------|--|--|
| 01 STORAGE/DISPOSAL (Check all that apply)                 | 02 AMOUNT | 03 UNIT OF MEASURE | 04 TREATMENT (Check all that apply)                          | 05 OTHER   |
| <input checked="" type="checkbox"/> A. SURFACE IMPOUNDMENT | 8         | SI                 | <input type="checkbox"/> A. INCENERATION                     | <input checked="" type="checkbox"/> A. BUILDINGS ON SITE |
| <input checked="" type="checkbox"/> B. PILES               | #?        |                    | <input checked="" type="checkbox"/> B. UNDERGROUND INJECTION |  |
| <input type="checkbox"/> C. DRUMS, ABOVE GROUND,           |           |                    | <input checked="" type="checkbox"/> C. CHEMICAL/PHYSICAL     |  |
| <input checked="" type="checkbox"/> D. TANK, ABOVE GROUND  |           |                    | <input type="checkbox"/> D. BIOLOGICAL                       | ~ 22   |
| <input type="checkbox"/> E. TANK, BELOW GROUND             |           |                    | <input checked="" type="checkbox"/> E. WASTE OIL PROCESSING  |  |
| <input checked="" type="checkbox"/> F. LANDFILL            |           |                    | <input checked="" type="checkbox"/> F. SOLVENT RECOVERY ?    | 06 AREA OF SITE  |
| <input type="checkbox"/> G. LANDFARM                       |           |                    | <input type="checkbox"/> G. OTHER RECYCLING/RECOVERY         | 320 (Acres)  |
| <input type="checkbox"/> H. OPEN DUMP                      |           |                    | <input type="checkbox"/> H. OTHER (Specify)                  |  |
| <input type="checkbox"/> I. OTHER (Specify)                |           |                    |  |  |

07 COMMENTS

Surface Impoundment. Four active, Four inactive  
Piles. Active  
Tanks. Active  
Landfill. Inactive

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☒ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Four inactive surface impoundments are unlined and contain substantial amounts of wastewater sludges.  
No reported natural or artificial liner system in abandoned landfill disposal area. Other 4 are lined

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

Facility in compliance with ISS security requirements.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

1. NOTIS
2. DHS ISD inspection report
3. EPA oversight investigation report
4. E&E SI



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. DRINKING WATER SUPPLY

|   |                             |                             |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
|---|-----------------------------|-----------------------------|---------------------------------------|-----------------------------|---|-----------------------------|--|------------|----------|-----------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|------------------------------|
| 01 TYPE OF DRINKING SUPPLY<br>(Check as applicable)   | 02 STATUS                   | 03 DISTANCE TO SITE         |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
| <table><tr><td>SURFACE</td><td>WELL</td></tr><tr><td>COMMUNITY A. <input type="checkbox"/></td><td>B. <input type="checkbox"/></td></tr><tr><td>NON-COMMUNITY C. <input type="checkbox"/></td><td>D. <input type="checkbox"/></td></tr></table> | SURFACE                     | WELL                        | COMMUNITY A. <input type="checkbox"/> | B. <input type="checkbox"/> | NON-COMMUNITY C. <input type="checkbox"/> | D. <input type="checkbox"/> | <table><tr><td>ENDANGERED</td><td>AFFECTED</td><td>MONITORED</td></tr><tr><td>A. <input type="checkbox"/></td><td>B. <input type="checkbox"/></td><td>C. <input type="checkbox"/></td></tr><tr><td>D. <input type="checkbox"/></td><td>E. <input type="checkbox"/></td><td>F. <input type="checkbox"/></td></tr></table> | ENDANGERED | AFFECTED | MONITORED | A. <input type="checkbox"/> | B. <input type="checkbox"/> | C. <input type="checkbox"/> | D. <input type="checkbox"/> | E. <input type="checkbox"/> | F. <input type="checkbox"/> | A. _____(mi)<br>B. _____(mi) |
| SURFACE   | WELL                        |                             |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
| COMMUNITY A. <input type="checkbox"/>   | B. <input type="checkbox"/> |                             |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
| NON-COMMUNITY C. <input type="checkbox"/>   | D. <input type="checkbox"/> |                             |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
| ENDANGERED  | AFFECTED                    | MONITORED                   |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
| A. <input type="checkbox"/>   | B. <input type="checkbox"/> | C. <input type="checkbox"/> |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |
| D. <input type="checkbox"/>   | E. <input type="checkbox"/> | F. <input type="checkbox"/> |                                       |                             |   |                             |  |            |          |           |                             |                             |                             |                             |                             |                             |                              |

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING    ☐ B. DRINKING  
(Other sources available)  
COMMERCIAL, INDUSTRIAL, IRRIGATION  
(No other water sources available)

☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION  
(Limited other sources available)    ☐ D. NOT USED, UNUSEABLE

|  |  |   |   |  |
|--|--|---|---|--|
| 02 POPULATION SERVED BY GROUND WATER _____ | 03 DISTANCE TO NEAREST DRINKING WATER WELL _____(mi) |   |   |  |
| 04 DEPTH TO GROUNDWATER<br>_____(ft)       | 05 DIRECTION OF GROUNDWATER FLOW<br>_____            | 06 DEPTH TO AQUIFER OF CONCERN<br>_____(ft) | 07 POTENTIAL YIELD OF AQUIFER<br>_____(gpd) | 08 SOLE SOURCE AQUIFER<br><input type="checkbox"/> YES <input type="checkbox"/> NO |

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

|  |          |   |          |
|--|----------|---|----------|
| 10 RECHARGE AREA<br><input type="checkbox"/> YES <input type="checkbox"/> NO | COMMENTS | 11 DISCHARGE AREA<br><input type="checkbox"/> YES <input type="checkbox"/> NO | COMMENTS |
|--|----------|---|----------|

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION DRINKING WATER SOURCE    ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES    ☐ C. COMMERCIAL, INDUSTRIAL    ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

|                     |                          |                  |
|---------------------|--------------------------|------------------|
| NAME:               | AFFECTED                 | DISTANCE TO SITE |
| <u>Kelvin River</u> | <input type="checkbox"/> | _____(mi)        |
| _____               | <input type="checkbox"/> | _____(mi)        |
| _____               | <input type="checkbox"/> | _____(mi)        |

V. DEMOGRAPHIC AND PROPERTY INFORMATION

|   |   |                         |                         |          |          |          |                |                |                |           |
|---|---|-------------------------|-------------------------|----------|----------|----------|----------------|----------------|----------------|-----------|
| 01 TOTAL POPULATION WITHIN  | 02 DISTANCE TO NEAREST POPULATION                     |                         |                         |          |          |          |                |                |                |           |
| <table><tr><td>ONE (1) MILE OF SITE</td><td>TWO (2) MILES OF SITE</td><td>THREE (3) MILES OF SITE</td></tr><tr><td>A. _____</td><td>B. _____</td><td>C. _____</td></tr><tr><td>NO. OF PERSONS</td><td>NO. OF PERSONS</td><td>NO. OF PERSONS</td></tr></table> | ONE (1) MILE OF SITE                                  | TWO (2) MILES OF SITE   | THREE (3) MILES OF SITE | A. _____ | B. _____ | C. _____ | NO. OF PERSONS | NO. OF PERSONS | NO. OF PERSONS | _____(mi) |
| ONE (1) MILE OF SITE  | TWO (2) MILES OF SITE                                 | THREE (3) MILES OF SITE |                         |          |          |          |                |                |                |           |
| A. _____  | B. _____  | C. _____                |                         |          |          |          |                |                |                |           |
| NO. OF PERSONS  | NO. OF PERSONS  | NO. OF PERSONS          |                         |          |          |          |                |                |                |           |
| 03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE<br>_____  | 04 DISTANCE TO NEAREST OFF-SITE BUILDING<br>_____(mi) |                         |                         |          |          |          |                |                |                |           |

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)





POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A.  $10^{-6} - 10^{-8}$  cm/sec ☐ B.  $10^{-4} - 10^{-6}$  cm/sec ☐ C.  $10^{-4} - 10^{-3}$  cm/sec ☒ D. GREATER THAN  $10^{-3}$  cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☐ A. IMPERMEABLE  
(Less than  $10^{-6}$  cm/sec) ☐ B. RELATIVELY IMPERMEABLE  
( $10^{-4} - 10^{-6}$  cm/sec) ☐ C. RELATIVELY PERMEABLE  
( $10^{-2} - 10^{-4}$  cm/sec) ☐ D. VERY PERMEABLE  
(Greater than  $10^{-2}$  cm/sec)

03 DEPTH TO BEDROCK

04 DEPTH OF CONTAMINATED SOIL ZONE

05 SOIL pH

\_\_\_\_\_(ft)

\_\_\_\_\_(ft)

\_\_\_\_\_

06 NET PRECIPITATION

07 ONE YEAR 24 HOUR RAINFALL

08 SLOPE  
SITE SLOPE

DIRECTION OF SITE SLOPE

TERRAIN AVERAGE SLOPE

6/yr. (in)

\_\_\_\_\_(in)

\_\_\_\_\_%

\_\_\_\_\_%

09 FLOOD POTENTIAL

10

SITE IS IN \_\_\_\_\_ YEAR FLOODPLAIN

☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

OTHER

A. \_\_\_\_\_ (mi)

B. \_\_\_\_\_ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

\_\_\_\_\_(mi)

ENDANGERED SPECIES: \_\_\_\_\_

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

RESIDENTIAL AREAS: NATIONAL/STATE PARKS,  
FORESTS, OR WILDLIFE RESERVES

AGRICULTURAL LANDS  
PRIME AG LAND AG LAND

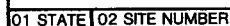
A. \_\_\_\_\_ (mi)

B. \_\_\_\_\_ (mi)

C. \_\_\_\_\_ (mi) D. \_\_\_\_\_ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)





POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. CURRENT OWNER(S)

PARENT COMPANY (If applicable)

|   |  |               |             |   |  |               |             |
|---|--|---------------|-------------|---|--|---------------|-------------|
| 01 NAME                                   |  | 02 D+B NUMBER |             | 08 NAME                                   |  | 09 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 10 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 11 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 12 CITY                                   |  | 13 STATE      | 14 ZIP CODE |
| 01 NAME                                   |  | 02 D+B NUMBER |             | 08 NAME                                   |  | 09 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 10 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 11 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 12 CITY                                   |  | 13 STATE      | 14 ZIP CODE |
| 01 NAME                                   |  | 02 D+B NUMBER |             | 08 NAME                                   |  | 09 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 10 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 11 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 12 CITY                                   |  | 13 STATE      | 14 ZIP CODE |
| 01 NAME                                   |  | 02 D+B NUMBER |             | 08 NAME                                   |  | 09 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 10 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 11 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 12 CITY                                   |  | 13 STATE      | 14 ZIP CODE |

III. PREVIOUS OWNER(S) (List most recent first)

IV. REALTY OWNER(S) (If applicable; list most recent first)

|   |  |               |             |   |  |               |             |
|---|--|---------------|-------------|---|--|---------------|-------------|
| 01 NAME                                   |  | 02 D+B NUMBER |             | 01 NAME                                   |  | 02 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE |
| 01 NAME                                   |  | 02 D+B NUMBER |             | 01 NAME                                   |  | 02 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE |
| 01 NAME                                   |  | 02 D+B NUMBER |             | 01 NAME                                   |  | 02 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE | 05 CITY                                   |  | 06 STATE      | 07 ZIP CODE |

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. CURRENT OPERATOR (Provide if different from owner)

OPERATOR'S PARENT COMPANY (If applicable)

|   |  |                  |             |   |  |               |             |
|---|--|------------------|-------------|---|--|---------------|-------------|
| 01 NAME                                   |  | 02 D+B NUMBER    |             | 10 NAME                                   |  | 11 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE      |             | 12 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 13 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE         | 07 ZIP CODE | 14 CITY                                   |  | 15 STATE      | 16 ZIP CODE |
| 08 YEARS OF OPERATION                     |  | 09 NAME OF OWNER |             |   |  |               |             |

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)

PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)

|   |  |                                     |             |   |  |               |             |
|---|--|-------------------------------------|-------------|---|--|---------------|-------------|
| 01 NAME                                   |  | 02 D+B NUMBER                       |             | 10 NAME                                   |  | 11 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE                         |             | 12 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 13 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE                            | 07 ZIP CODE | 14 CITY                                   |  | 15 STATE      | 16 ZIP CODE |
| 08 YEARS OF OPERATION                     |  | 09 NAME OF OWNER DURING THIS PERIOD |             |   |  |               |             |

|   |  |                                     |             |   |  |               |             |
|---|--|-------------------------------------|-------------|---|--|---------------|-------------|
| 01 NAME                                   |  | 02 D+B NUMBER                       |             | 10 NAME                                   |  | 11 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE                         |             | 12 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 13 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE                            | 07 ZIP CODE | 14 CITY                                   |  | 15 STATE      | 16 ZIP CODE |
| 08 YEARS OF OPERATION                     |  | 09 NAME OF OWNER DURING THIS PERIOD |             |   |  |               |             |

|   |  |                                     |             |   |  |               |             |
|---|--|-------------------------------------|-------------|---|--|---------------|-------------|
| 01 NAME                                   |  | 02 D+B NUMBER                       |             | 10 NAME                                   |  | 11 D+B NUMBER |             |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 04 SIC CODE                         |             | 12 STREET ADDRESS (P.O. Box, RFD #, etc.) |  | 13 SIC CODE   |             |
| 05 CITY                                   |  | 06 STATE                            | 07 ZIP CODE | 14 CITY                                   |  | 15 STATE      | 16 ZIP CODE |
| 08 YEARS OF OPERATION                     |  | 09 NAME OF OWNER DURING THIS PERIOD |             |   |  |               |             |

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. ON-SITE GENERATOR

|   |                      |
|---|----------------------|
| 01 NAME                                   | 02 D+B NUMBER        |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          |
| 05 CITY                                   | 06 STATE 07 ZIP CODE |

III. OFF-SITE GENERATOR(S)

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| 01 NAME                                   | 02 D+B NUMBER        | 01 NAME                                   | 02 D+B NUMBER        |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          |
| 05 CITY                                   | 06 STATE 07 ZIP CODE | 05 CITY                                   | 06 STATE 07 ZIP CODE |
| 01 NAME                                   | 02 D+B NUMBER        | 01 NAME                                   | 02 D+B NUMBER        |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          |
| 05 CITY                                   | 06 STATE 07 ZIP CODE | 05 CITY                                   | 06 STATE 07 ZIP CODE |

IV. TRANSPORTER(S)

|   |                      |   |                      |
|---|----------------------|---|----------------------|
| 01 NAME                                   | 02 D+B NUMBER        | 01 NAME                                   | 02 D+B NUMBER        |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          |
| 05 CITY                                   | 06 STATE 07 ZIP CODE | 05 CITY                                   | 06 STATE 07 ZIP CODE |
| 01 NAME                                   | 02 D+B NUMBER        | 01 NAME                                   | 02 D+B NUMBER        |
| 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          | 03 STREET ADDRESS (P.O. Box, RFD #, etc.) | 04 SIC CODE          |
| 05 CITY                                   | 06 STATE 07 ZIP CODE | 05 CITY                                   | 06 STATE 07 ZIP CODE |

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

|  |
|--|
|  |
|--|



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ D. SPILLED MATERIAL REMOVED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☒ E. CONTAMINATED SOIL REMOVED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ F. WASTE REPACKAGED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ G. WASTE DISPOSED ELSEWHERE  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ H. ON SITE BURIAL  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☒ I. IN SITU CHEMICAL TREATMENT  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ J. IN SITU BIOLOGICAL TREATMENT  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☒ K. IN SITU PHYSICAL TREATMENT  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ L. ENCAPSULATION  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ M. EMERGENCY WASTE TREATMENT  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ N. CUTOFF WALLS  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ P. CUTOFF TRENCHES/SUMP  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ Q. SUBSURFACE CUTOFF WALL  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_



**POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 10 - PAST RESPONSE ACTIVITIES**

**I. IDENTIFICATION**

01 STATE 02 SITE NUMBER

**II PAST RESPONSE ACTIVITIES** *(Continued)*

01 ☐ R. BARRIER WALLS CONSTRUCTED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ S. CAPPING/COVERING  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ T. BULK TANKAGE REPAIRED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ U. GROUT CURTAIN CONSTRUCTED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ V. BOTTOM SEALED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ W. GAS CONTROL  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ X. FIRE CONTROL  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ Y. LEACHATE TREATMENT  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ Z. AREA EVACUATED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ 1. ACCESS TO SITE RESTRICTED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ 2. POPULATION RELOCATED  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

01 ☐ 3. OTHER REMEDIAL ACTIVITIES  
04 DESCRIPTION

02 DATE \_\_\_\_\_

03 AGENCY \_\_\_\_\_

**III. SOURCES OF INFORMATION** *(Cite specific references, e.g., state files, sample analysis, reports)*



POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☐ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION *See SI*

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)



# POTENTIAL HAZARDOUS WASTE SITE SITE INSPECTION REPORT

## General Information

The Potential Hazardous Waste Site, Site Inspection Report form is used to record information collected during, or associated with, an inspection of the site and other information about responsible parties and past response activities.

The Site Inspection Report form contains eleven parts:

- Part 1 — Site Location and Inspection Information
- Part 2 — Waste Information
- Part 3 — Description of Hazardous Conditions and Incidents
- Part 4 — Permit and Descriptive Information
- Part 5 — Water, Demographic, and Environmental Data
- Part 6 — Sample and Field Information
- Part 7 — Owner Information
- Part 8 — Operator Information
- Part 9 — Generator/Transporter Information
- Part 10— Past Response Activities
- Part 11— Enforcement Information

Part 1 — Site Location and Inspection Information contains all of the data elements also contained on the Site Identification and Preliminary Assessment forms required to add a site to the automated Site Tracking System (STS). It is therefore possible to add a site to STS at the Site Inspection stage. Instructions are given below.

Part 2 — Waste Information and Part 3 — Description of Hazardous Conditions and Incidents are used to record specific information about substances, amounts, hazards, and targets, e.g., population potentially affected. Parts 2 and 3 are also contained in the Potential Hazardous Waste Site, Preliminary Assessment form. Information recorded on Part 2 and Part 3 during a preliminary assessment may be updated, added, deleted, or corrected on the Site Inspection Report form.

An Appendix with feedstock names and CAS Numbers and the most frequently cited hazardous substances and CAS Numbers is located behind the instructions for the Site Inspection Report.

A number of the data items collected throughout the Site Inspection Report support the Site Ranking Model. The majority of these data items are found in Part 5 — Water, Demographic, and Environmental Data.

## General Instructions

1. Complete the Site Inspection Report form as completely as possible.
2. Starred items (\*) are required before inspection information can be added to STS. The system will not accept incomplete inspection information.
3. To add a site to STS at the Site Inspection stage, write "New" across the top of the form and complete items II-01, 02, 03, 04, and 06, Site Name and Location, II-09 Coordinates, and II-10, Type of Ownership.
4. Data items carried in STS, which are identical to those on the Site Identification and Preliminary Assessment forms and which can be added, deleted, or changed using the

Site Inspection Report form, are indicated with a pound sign (#). To ensure that the proper action is taken, outline the item(s) to be added, deleted, or changed with a bright color and indicate the proper action with "A" (add), "D" (delete) or "C" (change).

5. There are two options available for adding, deleting, or changing information supplied on the Site Inspection Report form. The first is to use a new Site Inspection Report form, completing only those items to be added, deleted, or changed. Mark the form clearly, using "A", "D", or "C", to indicate the action to be taken. If only data in STS are to be altered, the Site Source Data Report may be used. Using the report, mark clearly the items to be changed and the action to be taken.

## Detailed Instructions

### Part 1 Site Location and Inspection Information

- I. **Identification:** Identification (State and Site Number) is the site record key, or primary identifier, for the site. Site records in the STS are updated based on Identification. It is essential that State and Site Number are correctly entered on each form.
  - \*I-01 State: Enter the two character alpha FIPS code for the state in which the site is located. It must be identical to State on the Site Identification form.
  - \*I-02 Site Number: Enter the ten character alphanumeric code for sites which have a Dun and Bradstreet or EPA "user" Dun and Bradstreet number or the ten character numeric GSA identification code for federal sites. The Site Number must be identical to the Site Number on the Site Identification and Preliminary Assessment forms.
- II. **Site Name and Location:** If Site Name and Location information require no additions or changes, these items are not required on the Site Inspection Report form. However, completing these items will facilitate use of the completed form and records management procedures.
  - #II-01 Site Name: Enter the legal, common, or descriptive name of the site.
  - #II-02 Site Street: Enter the street address and number (if appropriate) where the site is located. If the precise street address is unavailable for this site, enter brief direction identifier, e.g., NW Jct I-295 & US 99; Post Rd, 5 mi W of Rt. 5.
  - #II-03 Site City: Enter the city, town, village, or other municipality in which the site is located. If the site is not located in a municipality, enter the name of the municipality (or place) which is nearest the site or which most easily locates the site.
  - #II-04 Site State: Enter the two character alpha FIPS code for the state in which the site is located. The code must be the same as in item I-01.
  - #II-05 Site Zip Code: Enter the five character numeric zip code for the postal zone in which the site is located.

- #II-06 Site County: Enter the name of the county, parish (Louisiana), or borough (Alaska) in which the site is located.
- #II-07 County Code: Enter the three character numeric FIPS county code for the county, parish, or borough in which the site is located. (The regional data analyst can furnish this data item.)
- #II-08 Site Congressional District: Enter the two character number for the congressional district in which the site is located.
- \*#II-09 Coordinates: Enter the Coordinates, Latitude and Longitude, of the site in degrees, minutes, seconds, and tenths of seconds. If a tenth of a second is insignificant at this site, enter "0" in the tenths position.
- #II-10 Type of Ownership: Check the appropriate box to indicate the type of site ownership. If the site is under the jurisdiction of an activity of the federal government, enter the name of the department, agency, or activity. If Other is indicated, specify the type of ownership and name.

### III. Inspection Information

- \*III-01 Date of Inspection: Enter the date the inspection occurred, or began for multiple day inspections.
- \*III-02 Site Status: Check the appropriate box(es) to indicate the current status of the site. Active sites are those which treat, store, or dispose of wastes. Check Active for those active sites with an inactive storage or disposal area. Inactive sites are those at which treatment, storage, or disposal activities no longer occur.
- #III-03 Years of Operation: Enter the beginning and ending years (or beginning only if operations at the site are on-going), e.g., 1878/1932, of site operation. Check Unknown if years of operation are not known.
- \*III-04 Agency Performing Inspection: Check the appropriate box(es) to indicate parties participating in the inspection. If contractors participate, provide the name of the firm(s).
- III-05 Chief Inspector: Enter the name of the chief, or lead inspector.
- III-06 Title: Enter the Chief Inspector's title, e.g., Team Leader, FIT team.
- III-07 Organization: Enter the name of the organization where the Chief Inspector is employed, e.g., EPA - Region 4, VA State Health Dept., Environmental Research Co.
- III-08 Telephone Number: Enter the Chief Inspector's area code and local commercial telephone number.
- III-09 Other Inspectors: Enter the names of other parties participating in the inspection.
- III-10 Title: Enter the titles of other parties participating in the inspection.
- III-11 Organization: Enter the names of the organizations where other parties participating in the inspection are employed.
- III-12 Telephone Number: Enter the area code and local commercial telephone numbers of other parties participating in the inspection.

- III-13 Site Representatives Interviewed: Enter the names of individuals representing responsible parties interviewed in connection with the inspection. Interviews do not necessarily occur during the inspection.
- III-14 Title: Enter the titles of the individuals interviewed.
- III-15 Address: Enter the business, mailing, or residential addresses of the individuals interviewed.
- III-16 Telephone Number: Enter the area code and local commercial telephone numbers of the individuals interviewed.
- III-17 Access Gained By: Check the appropriate box to indicate whether access to the site was gained through permission or warrant.
- III-18 Time of Inspection: Using a 24-hour clock, enter the time the inspection began, e.g., for 3:24 p.m. enter 1524.
- III-19 Weather Conditions: Describe the weather conditions during the site inspection, especially any unusual conditions which might affect results or observations taken.

### IV. Information Available From

- IV-01 Contact: Enter the name of the individual who can provide information about the site.
- IV-02 Of: If appropriate, enter the name of the public or private agency, firm, or company and the organization within the agency, firm, or company of the individual named as Contact.
- IV-03 Telephone Number: Enter the area code and local telephone number of the individual named as contact.
- IV-04 Person Responsible for Site Inspection Report Form: Enter the name of the individual who was responsible for the information entered on the Site Inspection Report form. The person responsible for the Site Inspection Report form may be different from the individual who prepared the form.
- IV-05 Agency: Enter the name of the Agency where the individual who is responsible for the Site Inspection Report form is employed.
- IV-06 Organization: Enter the name of the organization within the Agency.
- IV-07 Telephone Number: Enter the area code and local telephone number of the individual who is responsible for the Site Inspection Report form.
- IV-08 Date: Enter the date the Site Inspection Report form was prepared.

### Part 2 Waste Information

- \*I. Identification: Refer to Part 1-I.
- II. Waste States, Quantities, and Characteristics: Waste States, Quantities, and Characteristics provide information about the physical structure and form of the waste, measures of gross amounts at the site, and the hazards posed by the waste, considering acute and chronic health effects and mobility along a pathway.

- \*II-01 **Physical States:** Check the appropriate box(es) to indicate the state(s) of waste present at the site. If Other is indicated, specify the physical state of the waste.
- \*II-02 **Waste Quantity at Site:** Enter estimates of amounts of waste at the site. Estimates may be in weight (Tons) or volume (Cubic Yards or Number of Drums). Use as many entries as are appropriate; however, measurements must be independent. For example, do not measure the same amounts of waste as both tons and cubic yards.
- \*II-03 **Waste Characteristics:** Check all appropriate entries to indicate the hazards posed by waste at the site. If waste at the site poses no hazard, check Not Applicable.
- III. **Waste Category:** General categories of waste typically found are listed here. Enter the estimated gross amount of each category of waste and the appropriate unit of measure.
- \*III-01 **Gross Amount:** Gross Amount is the estimate of the amount of the waste category found at the site. Estimates should be furnished in metric tons (MT), tons (TN), cubic meters (CM), cubic yards (CY), drums (DR), acres (AC), acre feet (AF), liters (LT), or gallons (GA). Enter the estimated amount next to the appropriate waste category.
- \*III-02 **Unit of Measure:** Enter the appropriate unit of measure, MT (metric tons), TN (tons), CM (cubic meters), CY (cubic yards), DR (number of drums), AC (acres), AF (acre feet), LT (liters), or GA (gallons) next to the estimate of gross amount.
- III-03 **Comments:** Comments may be used to further explain, or provide additional information, about particular waste categories.
- IV. **Hazardous Substances:** Specific hazardous, or potentially hazardous, chemicals, mixtures, and substances found at the site are listed here. For each substance listed those data items marked with an "at" sign (@) must be included.
- @IV-01 **Category:** Enter in front of the substance name the three character waste category from Section III which best describes the substance, e.g., OLW (Oily Waste).
- @IV-02 **Substance Name:** Enter one of the following: the name of the substance registered with the Chemical Abstract Service, the common or accepted abbreviation of the substance, the generic name of the substance, or commercial name of the substance.
- @IV-03 **CAS Number:** Enter the number assigned to the substance when it was registered with the Chemical Abstract Service. Refer to the Appendix for most frequently cited CAS Numbers. CAS Numbers must be furnished for each substance listed. If a CAS Number for this substance has not been assigned, enter "999".
- @IV-04 **Storage/Disposal Method:** Enter the type of storage or disposal facility in which the substance was found: SI (surface impoundment, including pits, ponds, and lagoons), PL (pile), DR (drum), TK (tank), LF (landfill), LM (landfarm), OD (open dump).
- IV-05 **Concentration:** Enter the concentration of the substance found in samples taken at the site.
- IV-06 **Measure of Concentration:** Enter the appropriate unit of measure for the measured concentration of the substance found in the sample, e.g., MG/L, UG/L.
- V. **Feedstocks**
- V-01 **Feedstock Name:** If feedstocks, or substances derived from one or more feedstocks, are present at the site, enter the name of each feedstock found. See the Appendix for the feedstock list.
- V-02 **CAS Number:** Enter the CAS Number for each feedstock named. See the Appendix for feedstock CAS Numbers.
- VI. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.
- Part 3 **Description of Hazardous Conditions and Incidents**
- \*I. **Identification:** Refer to Part 1—I.
- II. **Hazardous Conditions and Incidents:**
- II-01 **Hazards:** Indicate each hazardous, or potentially hazardous, condition known, or claimed, to exist at the site.
- II-02 **Observed, Potential, or Alleged:** Check Observed and enter the date, or approximate date, of occurrence if a release of contaminants to the environment, or some other hazardous incident, is known to have occurred. In cases of a continuing release, e.g., groundwater contamination, enter the date, or approximate date, the condition first became apparent. If conditions exist for a potential release, check potential. Check Alleged for hazardous, or potentially hazardous, conditions claimed to exist at the site.
- II-03 **Population Potentially Affected:** For each hazardous condition at the site, enter the number of people potentially affected. For Soil enter the number of acres potentially affected.
- II-04 **Narrative Description:** Provide a narrative description, or explanation, of each condition. Include any additional information which further explains the condition.
- II-05 **Description of Any Other Known, Potential, or Alleged Hazards:** Provide a narrative description of any other hazardous, or potentially hazardous, conditions at the site not covered above.
- III. **Total Population Potentially Affected:** Enter the total number of people potentially affected by the existence of hazardous, or potentially hazardous, conditions at the site. Do not sum the numbers shown for each condition.
- IV. **Comments:** Other information relevant to observed, potential, or alleged hazards may be entered here.

- V. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

#### Part 4 Permit and Descriptive Information

- \*I. **Identification:** Refer to Part 1—I.

#### II. Permit Information

- II-01 **Type of Permit Issued:** Check the appropriate box(es) to indicate the types of permits issued to the site. If state, local, or other types of environmental permits have been issued, specify the type.
- II-02 **Permit Number:** Enter the permit number for each issued permit.
- II-03 **Date Issued:** Enter the date each permit was issued.
- II-04 **Expiration Date:** Enter the date each permit expires or expired.
- II-05 **Comments:** Enter any information which further explains the types of permits issued or status of the permits.

#### III. Site Description

- \*III-01 **Storage/Disposal:** Check the appropriate box(es) to indicate the types of storage/disposal facilities found at the site. If Other is checked, specify the type of facility.
- \*III-02 **Amount:** Enter the gross amount of waste associated with each type of storage/disposal facility. Amounts may be measured in: metric tons, tons, cubic meters, cubic yards, drums, acres, acre feet, liters, or gallons.
- \*III-03 **Unit of Measure:** Enter the appropriate unit of measure for each entry. Units of measure are MT (metric tons), TN (tons), CM (cubic meters), CY (cubic yards), DR (drums), AC (acres), AF (acre feet), LT (liters), or GA (gallons).
- \*III-04 **Treatment:** If waste is treated at the site, check the appropriated box(es) to indicate treatment methods used. If Other is checked, specify treatment method.
- III-05 **Other:** If there are buildings on site, check this box.
- \*III-06 **Area of Site:** Enter total area of site in acres.
- III-07 **Comments:** Enter any other pertinent information.

- IV. **Containment:** Containment is a measure of the natural or artificial means taken to minimize or preclude health hazards and to minimize or prevent contamination of the environment from waste at the site.

- \*IV-01 **Containment of Wastes:** Check the appropriate box to indicate the condition of containment measures at the site. When choosing the appropriate box, consider the potential for environmental contamination, i.e., the worst case for containment in conjunction with the most hazardous substances.
- IV-02 **Description of Drums, Diking, Liners, Barriers:** Provide a narrative description of the condition of containment measures at the site, e.g., waste adequately

quately contained, drums rusting and leaking, diking collapsing, liners leaking and contaminants leaching into soil and groundwater.

- V. **Accessibility:** Accessibility is an indicator of the potential for direct contact with hazardous substances.

- \*V-01 **Waste Easily Accessible:** If there are no real barriers preventing human access to hazardous waste, check Yes, otherwise check No.

- V-02 **Comments:** Additional information about accessibility to hazardous waste may be provided.

- VI. **Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

#### Part 5 Water, Demographic, and Environmental Data

- \*I. **Identification:** Refer to Part 1—I.

#### II. Drinking Water Supply

- II-01 **Type of Drinking Water Supply:** Check the appropriate box(es) to indicate the types and sources of drinking water within the vicinity of the site. Community refers to municipal sources. Non-community refers to private sources, e.g., private wells.
- II-02 **Status:** Check the appropriate box(es) to indicate whether the water supply is endangered or affected by contaminants from the site. Check the appropriate box to indicate if the water supply is being monitored for possible contamination.
- II-03 **Distance to Site:** Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to nearest drinking water source.

#### III. Groundwater

- III-01 **Groundwater Use in Vicinity:** Check the appropriate box to indicate groundwater use in the vicinity of the site. The concern is to indicate the seriousness of groundwater contamination from waste at the site. Only Source for Drinking indicates that current water sources are limited to wells in the vicinity of the site. Drinking; Commercial, Industrial, Irrigation indicates that groundwater is used for drinking, but that other limited drinking sources are available and that no other sources for these additional uses are available. Commercial, Industrial, Irrigation indicates that groundwater is used for these purposes, but that limited other sources of water are available. Not used, Unuseable indicates that groundwater use in the area is not critical.
- III-02 **Population Served by Groundwater:** Enter the number of people served by groundwater in the vicinity of the site. Population for the purposes of the Site Inspection Report includes residents and daytime workers and students but excludes transients in the neighborhood or on local highways and roads. When estimating population from aerial photographs or other sources, the conversion factor is 3.8 persons for each dwelling unit or 3 persons per acre in rural areas.

III-03 Distance to Nearest Drinking Water Well: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the nearest drinking water well.

III-04 Depth to Groundwater: Enter the depth in feet to groundwater.

III-05 Depth of Groundwater Flow: Enter the cardinal direction of groundwater flow, e.g., NNW.

III-06 Depth to Aquifer of Concern: Enter the depth in feet to the aquifer of concern.

III-07 Potential Yield of Aquifer: Enter the potential yield of the aquifer in gallons per day.

III-08 Sole Source Aquifer: Check the appropriate box to indicate the aquifer of concern is, or is not, a sole source aquifer.

III-09 Description of Wells: Provide a narrative description of wells in the vicinity of the site, including useage, depth, and location relative to population and buildings.

III-10 Recharge Area: Check the appropriate box to indicate the site is located in a recharge area. Comments provide additional information on the recharge area.

III-11 Discharge Area: Check the appropriate box to indicate the site is located in a discharge area. Comments provide additional information on the discharge area.

#### IV. Surface Water

IV-01 Surface Water Use: Check the appropriate box to indicate surface water use in the vicinity of the site. The order of precedence is Reservoir, Recreation, Drinking Water Source; Irrigation, Economically Important Reserves; Commercial/Industrial; Not Currently Used.

IV-02 Affected/Potentially Affected Bodies of Water: Enter the names of bodies of surface water affected, or potentially affected, by contaminants from the site. List the body of surface water nearest the site first. For each body of water check Affected if contaminants have been identified in samples of the water. Enter the shortest distance from the body of water to the site in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required).

#### V. Demographic and Property Information

V-01 Total Population Within: Enter the total population within one (1) mile, two (2) miles, and three (3) miles of the site. Distances are measured from site boundaries. Population for the purposes of the Site Inspection Report includes residents and daytime workers and students but excludes transients in the neighborhood or on local highways and roads. When estimating population from aerial photographs or other sources, the conversion factor is 3.8 persons for each dwelling unit or 3 persons per acre in rural areas.

V-02 Distance to Nearest Population: Enter in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) the dis-

tance from the site boundary to the nearest population (one person minimum).

V-03 Number of Buildings Within Two (2) Miles of Site: Enter the number of buildings within two miles from the boundaries of the site.

V-04 Distance to Nearest Off-Site Building: Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site boundary to the nearest off-site building.

V-05 Population in Vicinity of Site: Provide a narrative description of the nature of the population within the vicinity of the site. Examples include rural area, small truck farms, urban industrial area, densely populated urban residential area.

#### VI. Environmental Information

VI-01 Permeability of Unsaturated Zone: Check the appropriate box to indicate the permeability of the earth material above the water table in the vicinity of the site.

VI-02 Permeability of Bedrock: Check the appropriate box to indicate the permeability of the bedrock in the vicinity of the site.

VI-03 Depth to Bedrock: Enter the depth to bedrock in feet.

VI-04 Depth of Contaminated Soil Zone: Enter the depth of the contaminated soil zone in feet.

VI-05 Soil pH: Enter the pH of the soil in the vicinity of the site.

VI-06 Net Precipitation: Enter net precipitation in inches. If net precipitation is not known, subtract the average evaporation figure on the U.S. National Weather Service map showing average annual evaporation in inches from the U.S. Environmental Data Service map showing mean annual precipitation.

VI-07 One Year 24 Hour Rainfall: Enter in inches the figure for one year 24 hour rainfall.

VI-08 Slope: Enter the percentage of site slope, the direction of site slope, and the percentage of the surrounding terrain average slope.

VI-09 Flood Potential: Enter the boundary year for the floodplain in which the site is located. Sites flooded annually are in a 1 (one) year floodplain. Other examples include 10, 20, 50, 100, 500, etc., indicating the probability of flooding within that time period.

VI-10 Site is on Barrier Island, Coastal High Hazard Area, Riverine Floodway: If site is located in one of these areas, check this box.

VI-11 Distance to Wetlands: If applicable, enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the closest wetlands (five acre minimum) for Estuarine and Other types of wetlands.

VI-12 Distance to Critical Habitat: If applicable, enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) from the site to the nearest critical habitat

of an endangered species. Enter the name(s) of the endangered species.

**VI-13 Land Use in Vicinity:** Enter the distance in miles to the nearest tenth, hundredth, or thousandth (as needed to indicate the precision required) to the nearest Commercial/Industrial area; Residential Area, National/State Parks, Forests, or Wildlife Reserves; or Agricultural Lands, Prime Ag Land and Ag Land. Prime Ag Land is that crop, pasture, range, or forest land which produces the highest yield in relation to inputs. Ag Land is the remaining agricultural land, frequently considered marginal.

**VI-14 Description of Site in Relation to Surrounding Topography:** Provide a narrative description of significant or unusual aspects of the surrounding topography in relation to the site. Examples might include: site is in a valley surrounded on all sides by mountains, site is at edge of a river or stream which floods frequently, etc.

**VII. Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

#### Part 6 Sample and Field Information

**\*I. Identification:** Refer to Part 1—I.

#### II. Samples Taken

**II-01 Number of Samples Taken:** Next to each sample type enter the number of samples of that type taken.

**II-02 Samples Sent To:** Enter the name of the laboratory or other facility where the samples were sent for analysis.

**II-03 Estimated Date Results Available:** Enter the estimated date the results are expected to be available.

#### III. Field Measurements Taken

**III-01 Type:** Enter the type, e.g., radioactivity, explosivity, organic vapor or gas detection and analysis, reagent type gas detection, of each field measurement taken.

**III-02 Comments:** Describe results of field measurements, whether they were taken on or off site, and if applicable, the type of disposal facility tested, e.g., drum, surface impoundment, landfill.

#### IV. Photographs and Maps

**IV-01 Type:** If photographs of the site have been taken, check the appropriate box(es) to indicate the type.

**IV-02 In Custody Of:** Enter the name of the organization or person who has custody of the photographs.

**IV-03 Maps:** Check the appropriate box to indicate that maps of the site area have been prepared or obtained.

**IV-04 Location of Maps:** If site maps are available, indicate their location, e.g., Region 1 Air and Hazardous Materials Division.

**V. Other Field Data Collected:** Provide a narrative description of any other field data collected.

**VI. Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

#### Part 7 Owner Information

**\*I. Identification:** Refer to Part 1—I.

**II. Current Owner(s) — Parent Company:** Current owner(s) and parent companies, for those owners which are companies partly or wholly owned by another company, provide locator information about responsible parties. Each Part 7 provides space for four (4) current owners and their respective parent companies. If additional space is required, complete another Part 7.

**II-01 Name:** Enter the legal name of the owner of the site. The owner may be a firm, government agency, association, individual, etc.

**II-02 D&B Number:** Where available, enter the owner's D&B (Dun and Bradstreet) number. If the current owner is a federal agency, enter the GSA identification code.

**II-03 Street Address:** Enter the business, mailing, or residential street address of the owner.

**II-04 SIC Code:** If applicable, enter the owner's primary SIC Code.

**II-05 City:** Enter the city of the owner's business, mailing, or residential address.

**II-06 State:** Enter the two character alpha FIPS code for the state of the owner's business, mailing, or residential address.

**II-07 Zip Code:** Enter the five digit zip code for the owner's business, mailing, or residential address.

**II-08 Name:** If the owner is a partly or wholly owned subsidiary of another company, enter the legal name of the owner's parent company.

**II-09 D&B Number:** Enter the parent company's Dun and Bradstreet number.

**II-10 Street Address:** Enter the business or mailing street address of the parent company.

**II-11 SIC Code:** If applicable, enter the parent company's primary SIC code.

**II-12 City:** Enter the city of the parent company's business or mailing address.

**II-13 State:** Enter the two character alpha FIPS code for the state of the parent company's business or mailing address.

**II-14 Zip Code:** Enter the five digit zip code for the parent company's business or mailing address.

**III. Previous Owner(s):** List previous owners in reverse chronological order, i.e., most recent first. If additional space is required, complete another Part 7.

**III-01 Name:** Enter the legal name of the previous owner. The previous owner may have been a firm, government agency, association, individual, etc.

III-02 D&B Number: Enter the previous owner's Dun and Bradstreet number if available. If the previous owner was a federal agency, enter the GSA identification code if available.

III-03 Street Address: Enter the business, mailing, or residential street address of the previous owner.

III-04 SIC Code: If applicable, enter the primary SIC Code of the previous owner.

III-05 City: Enter the city of the previous owner's business, mailing, or residential address.

III-06 State: Enter the two character alpha FIPS code for the state of the previous owner's business, mailing, or residential address.

III-07 Zip Code: Enter the zip code of the previous owner's business, mailing, or residential address.

**IV. Realty Owner(s):** Realty owner applies when the owner leased to another entity property which was used for the storage or disposal of hazardous waste. List current or most recent first.

IV-01 Name: Enter the legal name of the realty owner. The realty owner may be a firm, government agency, association, individual, etc.

IV-02 D&B Number: Enter the previous owner's Dun and Bradstreet number if available. If the previous owner was a federal agency, enter the GSA identification code if available.

IV-03 Street Address: Enter the realty owner's business, mailing, or residential street address.

IV-04 SIC Code: If applicable, enter the realty owner's primary SIC Code.

IV-05 City: Enter the city of the realty owner's business, mailing, or residential address.

IV-06 State: Enter the two character alpha FIPS code for the state of the realty owner's business, mailing, or residential address.

IV-07 Zip Code: Enter the zip code of the realty owner's business, mailing, or residential address.

**V. Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

**Part 8 Operator Information**

**\*I. Identification:** Refer to Part 1—I.

**II. Current Operator—Operator's Parent Company:** Information on operators is applicable when the operator is not the owner.

II-01 Name: Enter the legal name of the operator. The operator may be a firm, government agency, association, individual, etc.

II-02 D&B Number: Enter the operator's Dun and Bradstreet number if available. If the operator is a federal agency, enter the GSA identification code if available.

II-03 Street Address: Enter the operator's business, mailing, or residential street address.

II-04 SIC Code: If applicable, enter the operator's primary SIC Code.

II-05 City: Enter the city of the operator's business, mailing, or residential address.

II-06 State: Enter the two character alpha FIPS code for the state of the operator's business, mailing, or residential address.

II-07 Zip Code: Enter the zip code of the operator's business, mailing, or residential address.

II-08 Years of Operation: Enter the beginning and ending years (or beginning only if operations are on-going), e.g., 1932/1948, of operation at the site.

II-09 Name of Owner: Enter the name of the owner for the period cited for this operator.

II-10 Name: If applicable, enter the legal name of the operator's parent company.

II-11 D&B Number: Enter the operator's parent company Dun and Bradstreet number if available.

II-12 Street Address: Enter the operator's parent company business, mailing, or residential street address.

II-13 SIC Code: If applicable, enter the operator's parent company primary SIC Code.

II-14 City: Enter the city of the operator's parent company business, mailing, or residential address.

II-15 State: Enter the two character alpha FIPS code for the state of the operator's parent company business, mailing, or residential address.

II-16 Zip Code: Enter the zip code of the operator's parent company business, mailing, or residential address.

**III. Previous Operator(s)—Previous Operators' Parent Companies**

III-01 Name: Enter the legal name of the previous operator. The previous operator may be a firm, government agency, association, individual, etc.

III-02 D&B Number: Enter the previous operator's Dun and Bradstreet number if available. If the previous operator was a federal agency, enter the GSA identification code if available.

III-03 Street Address: Enter the previous operator's business, mailing, or residential street address.

III-04 SIC Code: If applicable, enter the previous operator's primary SIC Code.

III-05 City: Enter the city of the previous operator's business, mailing, or residential address.

III-06 State: Enter the two character alpha FIPS code for the state of the previous operator's business, mailing, or residential address.

III-07 Zip Code: Enter the zip code of the previous operator's business, mailing, or residential address.

III-08 Years of Operation: Enter the beginning and ending years of operation for this operator at the site.

III-09 Name of Owner: Enter the name of the owner for the period cited for this operator.

- III-10 Name: If applicable, enter the legal name of the previous operator's parent company.
- III-11 D&B Number: Enter the previous operator's parent company Dun and Bradstreet number if available.
- III-12 Street Address: Enter the previous operator's parent company business, mailing, or residential street address.
- III-13 SIC Code: If applicable, enter the previous operator's parent company primary SIC Code.
- III-14 City: Enter the city of the previous operator's parent company business, mailing, or residential address.
- III-15 State: Enter the two character alpha FIPS code for the state of the previous operator's parent company business, mailing, or residential address.
- III-16 Zip Code: Enter the zip code of the previous operator's parent company business, mailing, or residential address.

**IV. Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

#### Part 9 Generator/Transporter Information

**\*I. Identification:** Refer to Part 1—I.

**II. On-Site Generator:** A company or agency, located within the contiguous area of the site and generating waste disposed on the site, is entered here.

- II-01 Name: If there is an on-site generator, enter the legal name of the on-site generator. The on-site generator may be a firm or government agency.
- II-02 D&B Number: Where available, enter the on-site generator's D&B (Dun and Bradstreet) number. If the on-site generator is a federal agency, enter the GSA identification code.
- II-03 Street Address: Enter the business or mailing street address of the on-site generator.
- II-04 SIC Code: If applicable, enter the on-site generator's primary SIC Code.
- II-05 City: Enter the city of the on-site generator's business or mailing address.
- II-06 State: Enter the two character alpha FIPS code for the state of the on-site generator's business or mailing address.
- II-07 Zip Code: Enter the five digit zip code for the on-site generator's business or mailing address.

**III. Off-Site Generator(s):** Those companies or agencies off-site who have generated waste which has been disposed at the site are listed here.

- III-01 Name: Enter the legal name of the off-site generator. The off-site generator may be a firm or government agency.
- III-02 D&B Number: Where available, enter the off-site generator's D&B (Dun and Bradstreet) number. If the off-site generator is a federal agency, enter the GSA identification code.

- III-03 Street Address: Enter the business or mailing street address of the off-site generator.
- III-04 SIC Code: If applicable, enter the off-site generator's primary SIC Code.
- III-05 City: Enter the city of the off-site generator's business or mailing address.
- III-06 State: Enter the two character alpha FIPS code for the state of the off-site generator's business or mailing address.
- III-07 Zip Code: Enter the five digit zip code for the off-site generator's business or mailing address.

**IV. Transporter(s):** Those carriers who are known to have transported waste to the site are listed here.

- IV-01 Name: Enter the legal name of the transporter. The transporter may be a firm, government agency, association, individual, etc.
- IV-02 D&B Number: Where available, enter the transporter's D&B (Dun and Bradstreet) number. If the transporter is a federal agency, enter the GSA identification code.
- IV-03 Street Address: Enter the business, mailing, or residential street address of the transporter.
- IV-04 SIC Code: If applicable, enter the transporter's primary SIC Code.
- IV-05 City: Enter the city of the transporter's business, mailing, or residential address.
- IV-06 State: Enter the two character alpha FIPS code for the state of the transporter's business, mailing, or residential address.
- IV-07 Zip Code: Enter the five digit zip code for the transporter's business, mailing, or residential address.

**V. Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

#### Part 10 Past Response Activities

**\*I. Identification:** Refer to Part 1—I.

**II. Past Response Activities**

- II-01 Past Response Activities: Check the appropriate box(es) to indicate response activities initiated prior to the passage of CERCLA, December, 1980.
- II-02 Date: Enter the start date (or approximate date) of the activity.
- II-03 Agency: Enter the name of the Agency responsible for the activity.
- II-04 Description: Provide a brief narrative description of the activity.

**III. Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.



## SITE INSPECTION REPORT

### Part 11 Enforcement Information

**\*I. Identification:** Refer to Part 1—I.

### II. Enforcement Information

**II-01** Past Regulatory/Enforcement Action: Check the appropriate box to indicate past regulatory or enforcement action at the federal, state, or local level related to this site.

**II-02** Description of Federal, State, Local Regulatory or Enforcement Action: Provide a narrative description

of regulatory or enforcement action to date. Do not include any enforcement action contemplated in the process of development.

### III.

**Sources of Information:** List the sources used to obtain information for this form. Sources cited may include: sample analysis, reports, inspections, official records, or other documentation. Sources cited provide the basis for information entered on the form and may be used to obtain further information about the site.

## APPENDIX

### I. FEEDSTOCKS

| CAS Number     | Chemical Name     | CAS Number    | Chemical Name     | CAS Number     | Chemical Name        |
|----------------|-------------------|---------------|-------------------|----------------|----------------------|
| 1. 7664-41-7   | Ammonia           | 14. 1317-38-0 | Cupric Oxide      | 27. 7778-50-9  | Potassium Dichromate |
| 2. 7440-36-0   | Antimony          | 15. 7758-98-7 | Cupric Sulfate    | 28. 1310-58-3  | Potassium Hydroxide  |
| 3. 1309-64-4   | Antimony Trioxide | 16. 1317-39-1 | Cuprous Oxide     | 29. 115-07-1   | Propylene            |
| 4. 7440-38-2   | Arsenic           | 17. 74-85-1   | Ethylene          | 30. 10588-01-9 | Sodium Dichromate    |
| 5. 1327-53-3   | Arsenic Trioxide  | 18. 7647-01-0 | Hydrochloric Acid | 31. 1310-73-2  | Sodium Hydroxide     |
| 6. 21109-95-5  | Barium Sulfide    | 19. 7664-39-3 | Hydrogen Fluoride | 32. 7646-78-8  | Stannic Chloride     |
| 7. 7726-95-6   | Bromine           | 20. 1335-25-7 | Lead Oxide        | 33. 7772-99-8  | Stannous Chloride    |
| 8. 106-99-0    | Butadiene         | 21. 7439-97-6 | Mercury           | 34. 7664-93-9  | Sulfuric Acid        |
| 9. 7440-43-9   | Cadmium           | 22. 74-82-8   | Methane           | 35. 108-88-3   | Toluene              |
| 10. 7782-50-5  | Chlorine          | 23. 91-20-3   | Napthalene        | 36. 1330-20-7  | Xylene               |
| 11. 12737-27-8 | Chromite          | 24. 7440-02-0 | Nickel            | 37. 7646-85-7  | Zinc Chloride        |
| 12. 7440-47-3  | Chromium          | 25. 7697-37-2 | Nitric Acid       | 38. 7733-02-0  | Zinc Sulfate         |
| 13. 7440-48-4  | Cobalt            | 26. 7723-14-0 | Phosphorus        |                |                      |

### II. HAZARDOUS SUBSTANCES

| CAS Number     | Chemical Name             | CAS Number     | Chemical Name                    | CAS Number       | Chemical Name                           |
|----------------|---------------------------|----------------|----------------------------------|------------------|---|
| 1. 75-07-0     | Acetaldehyde              | 47. 1303-33-9  | Arsenic Trisulfide               | 92. 142-71-2     | Cupric Acetate                          |
| 2. 64-19-7     | Acetic Acid               | 48. 542-62-1   | Barium Cyanide                   | 93. 12002-03-8   | Cupric Acetoarsenite                    |
| 3. 108-24-7    | Acetic Anhydride          | 49. 71-43-2    | Benzene                          | 94. 7447-39-4    | Cupric Chloride                         |
| 4. 75-86-5     | Acetone Cyanohydrin       | 50. 65-85-0    | Benzoic Acid                     | 95. 3251-23-8    | Cupric Nitrate                          |
| 5. 506-96-7    | Acetyl Bromide            | 51. 100-47-0   | Benzonitrile                     | 96. 5893-66-3    | Cupric Oxalate                          |
| 6. 75-36-5     | Acetyl Chloride           | 52. 98-88-4    | Benzoyl Chloride                 | 97. 7758-98-7    | Cupric Sulfate                          |
| 7. 107-02-8    | Acrolein                  | 53. 100-44-7   | Benzyl Chloride                  | 98. 10380-29-7   | Cupric Sulfate Ammoniated               |
| 8. 107-13-1    | Acrylonitrile             | 54. 7440-41-7  | Beryllium                        | 99. 815-82-7     | Cupric Tartrate                         |
| 9. 124-04-9    | Adipic Acid               | 55. 7787-47-5  | Beryllium Chloride               | 100. 506-77-4    | Cyanogen Chloride                       |
| 10. 309-00-2   | Aldrin                    | 56. 7787-49-7  | Beryllium Fluoride               | 101. 110-82-7    | Cyclohexane                             |
| 11. 10043-01-3 | Aluminum Sulfate          | 57. 13597-99-4 | Beryllium Nitrate                | 102. 94-75-7     | 2,4-D Acid                              |
| 12. 107-18-6   | Allyl Alcohol             | 58. 123-86-4   | Butyl Acetate                    | 103. 94-11-1     | 2,4-D Esters                            |
| 13. 107-05-1   | Allyl Chloride            | 59. 84-74-2    | n-Butyl Phthalate                | 104. 50-29-3     | DDT                                     |
| 14. 7664-41-7  | Ammonia                   | 60. 109-73-9   | Butylamine                       | 105. 333-41-5    | Diazinon                                |
| 15. 631-61-8   | Ammonium Acetate          | 61. 107-92-6   | Butyric Acid                     | 106. 1918-00-9   | Dicamba                                 |
| 16. 1863-63-4  | Ammonium Benzoate         | 62. 543-90-8   | Cadmium Acetate                  | 107. 1194-65-6   | Dichlobenil                             |
| 17. 1066-33-7  | Ammonium Bicarbonate      | 63. 7789-42-6  | Cadmium Bromide                  | 108. 117-80-6    | Dichlone                                |
| 18. 7789-09-5  | Ammonium Bichromate       | 64. 10108-64-2 | Cadmium Chloride                 | 109. 25321-22-6  | Dichlorobenzene (all isomers)           |
| 19. 1341-49-7  | Ammonium Bifluoride       | 65. 7778-44-1  | Calcium Arsenate                 | 110. 266-38-19-7 | Dichloropropane (all isomers)           |
| 20. 10192-30-0 | Ammonium Bisulfite        | 66. 52740-16-6 | Calcium Arsenite                 | 111. 26952-23-8  | Dichloropropene (all isomers)           |
| 21. 1111-78-0  | Ammonium Carbamate        | 67. 75-20-7    | Calcium Carbide                  | 112. 8003-19-8   | Dichloropropene-Dichloropropane Mixture |
| 22. 12125-02-9 | Ammonium Chloride         | 68. 13765-19-0 | Calcium Chromate                 | 113. 75-99-0     | 2-2-Dichloropropionic Acid              |
| 23. 7788-98-9  | Ammonium Chromate         | 69. 592-01-8   | Calcium Cyanide                  | 114. 62-73-7     | Dichlorvos                              |
| 24. 3012-65-5  | Ammonium Citrate, Dibasic | 70. 26264-06-2 | Calcium Dodecylbenzene Sulfonate | 115. 60-57-1     | Dieldrin                                |
| 25. 13826-83-0 | Ammonium Fluoborate       | 71. 7778-54-3  | Calcium Hypochlorite             | 116. 109-89-7    | Diethylamine                            |
| 26. 12125-01-8 | Ammonium Fluoride         | 72. 133-06-2   | Captan                           | 117. 124-40-3    | Dimethylamine                           |
| 27. 1336-21-6  | Ammonium Hydroxide        | 73. 63-25-2    | Carbaryl                         | 118. 25154-54-5  | Dinitrobenzene (all isomers)            |
| 28. 6009-70-7  | Ammonium Oxalate          | 74. 1563-66-2  | Carbofuran                       | 119. 51-28-5     | Dinitrophenol                           |
| 29. 16919-19-0 | Ammonium Silicofluoride   | 75. 75-15-0    | Carbon Disulfide                 | 120. 25321-14-6  | Dinitrotoluene (all isomers)            |
| 30. 7773-06-0  | Ammonium Sulfamate        | 76. 56-23-5    | Carbon Tetrachloride             | 121. 85-00-7     | Diquat                                  |
| 31. 12135-76-1 | Ammonium Sulfide          | 77. 57-74-9    | Chlordane                        | 122. 298-04-4    | Disulfoton                              |
| 32. 10196-04-0 | Ammonium Sulfite          | 78. 7782-50-5  | Chlorine                         | 123. 330-54-1    | Diuron                                  |
| 33. 14307-43-8 | Ammonium Tartrate         | 79. 108-90-7   | Chlorobenzene                    | 124. 27176-87-0  | Dodecylbenzenesulfonic Acid             |
| 34. 1762-95-4  | Ammonium Thiocyanate      | 80. 67-66-3    | Chloroform                       | 125. 115-29-7    | Endosulfan (all isomers)                |
| 35. 7783-18-8  | Ammonium Thiosulfate      | 81. 7790-94-5  | Chlorosulfonic Acid              | 126. 72-20-8     | Endrin and Metabolites                  |
| 36. 628-63-7   | Amyl Acetate              | 82. 2921-88-2  | Chlorpyrifos                     | 127. 106-89-8    | Epichlorohydrin                         |
| 37. 62-53-3    | Aniline                   | 83. 1066-30-4  | Chromic Acetate                  | 128. 563-12-2    | Ethion                                  |
| 38. 7647-18-9  | Antimony Pentachloride    | 84. 7738-94-5  | Chromic Acid                     | 129. 100-41-4    | Ethyl Benzene                           |
| 39. 7789-61-9  | Antimony Tribromide       | 85. 10101-53-8 | Chromic Sulfate                  | 130. 107-15-3    | Ethylenediamine                         |
| 40. 10025-91-9 | Antimony Trichloride      | 86. 10049-05-5 | Chromous Chloride                | 131. 106-93-4    | Ethylene Dibromide                      |
| 41. 7783-56-4  | Antimony Trifluoride      | 87. 544-18-3   | Cobaltous Formate                | 132. 107-06-2    | Ethylene Dichloride                     |
| 42. 1309-64-4  | Antimony Trioxide         | 88. 14017-41-5 | Cobaltous Sulfamate              | 133. 60-00-4     | EDTA                                    |
| 43. 1303-32-8  | Arsenic Disulfide         | 89. 56-72-4    | Coumaphos                        | 134. 1185-57-5   | Ferric Ammonium Citrate                 |
| 44. 1303-28-2  | Arsenic Pentoxide         | 90. 1319-77-3  | Cresol                           | 135. 2944-67-4   | Ferric Ammonium Oxalate                 |
| 45. 7784-34-1  | Arsenic Trichloride       | 91. 4170-30-3  | Crotonaldehyde                   | 136. 7705-08-0   | Ferric Chloride                         |
| 46. 1327-53-3  | Arsenic Trioxide          |                |                                  |                  |   |

## II. HAZARDOUS SUBSTANCES

| CAS Number      | Chemical Name                               | CAS Number      | Chemical Name                      | CAS Number      | Chemical Name                              |
|-----------------|---|-----------------|------------------------------------|-----------------|--|
| 137. 7783-50-8  | Ferric Fluoride                             | 192. 74-89-5    | Monomethylamine                    | 249. 7632-00-0  | Sodium Nitrate                             |
| 138. 10421-48-4 | Ferric Nitrate                              | 193. 300-76-5   | Naled                              | 250. 7558-79-4  | Sodium Phosphate, Dibasic                  |
| 139. 10028-22-5 | Ferric Sulfate                              | 194. 91-20-3    | Naphthalene                        | 251. 7601-54-9  | Sodium Phosphate, Tribasic                 |
| 140. 10045-89-3 | Ferrous Ammonium Sulfate                    | 195. 1338-24-5  | Naphthenic Acid                    | 252. 10102-18-8 | Sodium Selenite                            |
| 141. 7758-94-3  | Ferrous Chloride                            | 196. 7440-02-0  | Nickel                             | 253. 7789-06-2  | Strontium Chromate                         |
| 142. 7720-78-7  | Ferrous Sulfate                             | 197. 15699-18-0 | Nickel Ammonium Sulfate            | 254. 57-24-9    | Strychnine and Salts                       |
| 143. 206-44-0   | Fluoranthene                                | 198. 37211-05-5 | Nickel Chloride                    | 255. 100-420-5  | Styrene                                    |
| 144. 50-00-0    | Formaldehyde                                | 199. 12054-48-7 | Nickel Hydroxide                   | 256. 12771-08-3 | Sulfur Monochloride                        |
| 145. 64-18-6    | Formic Acid                                 | 200. 14216-75-2 | Nickel Nitrate                     | 257. 7664-93-9  | Sulfuric Acid                              |
| 146. 110-17-8   | Fumaric Acid                                | 201. 7786-81-4  | Nickel Sulfate                     | 258. 93-76-5    | 2,4,5-T Acid                               |
| 147. 98-01-1    | Furfural                                    | 202. 7697-37-2  | Nitric Acid                        | 259. 2008-46-0  | 2,4,5-T Amines                             |
| 148. 86-50-0    | Guthion                                     | 203. 98-95-3    | Nitrobenzene                       | 260. 93-79-8    | 2,4,5-T Esters                             |
| 149. 76-44-8    | Heptachlor                                  | 204. 10102-44-0 | Nitrogen Dioxide                   | 261. 13560-99-1 | 2,4,5-T Salts                              |
| 150. 118-74-1   | Hexachlorobenzene                           | 205. 25154-55-6 | Nitrophenol (all isomers)          | 262. 93-72-1    | 2,4,5-TP Acid                              |
| 151. 87-68-3    | Hexachlorobutadiene                         | 206. 1321-12-6  | Nitrotoluene                       | 263. 32534-95-5 | 2,4,5-TP Acid Esters                       |
| 152. 67-72-1    | Hexachloroethane                            | 207. 30525-89-4 | Paraformaldehyde                   | 264. 72-54-8    | TDE  |
| 153. 70-30-4    | Hexachlorophene                             | 208. 56-38-2    | Parathion                          | 265. 95-94-3    | Tetrachlorobenzene                         |
| 154. 77-47-4    | Hexachlorocyclopentadiene                   | 209. 608-93-5   | Pentachlorobenzene                 | 266. 127-18-4   | Tetrachloroethane                          |
| 155. 7647-01-0  | Hydrochloric Acid<br>(Hydrogen Chloride)    | 210. 87-86-5    | Pentachlorophenol                  | 267. 78-00-2    | Tetraethyl Lead                            |
| 156. 7664-39-3  | Hydrofluoric Acid<br>(Hydrogen Fluoride)    | 211. 85-01-8    | Phenanthrene                       | 268. 107-49-3   | Tetraethyl Pyrophosphate                   |
| 157. 74-90-8    | Hydrogen Cyanide                            | 212. 108-95-2   | Phenol                             | 269. 7446-18-6  | Thallium (I) Sulfate                       |
| 158. 7783-06-4  | Hydrogen Sulfide                            | 213. 75-44-5    | Phosgene                           | 270. 108-88-3   | Toluene                                    |
| 159. 78-79-5    | Isoprene                                    | 214. 7664-38-2  | Phosphoric Acid                    | 271. 8001-35-2  | Toxaphene                                  |
| 160. 42504-46-1 | Isopropanolamine<br>Dodecylbenzenesulfonate | 215. 7723-14-0  | Phosphorus                         | 272. 12002-48-1 | Trichlorobenzene (all isomers)             |
| 161. 115-32-2   | Kelthane                                    | 216. 10025-87-3 | Phosphorus Oxychloride             | 273. 52-68-6    | Trichlorfon                                |
| 162. 143-50-0   | Kepone                                      | 217. 1314-80-3  | Phosphorus Pentasulfide            | 274. 25323-89-1 | Trichloroethane (all isomers)              |
| 163. 301-04-2   | Lead Acetate                                | 218. 7719-12-2  | Phosphorus Trichloride             | 275. 79-01-6    | Trichloroethylene                          |
| 164. 3687-31-8  | Lead Arsenate                               | 219. 7784-41-0  | Potassium Arsenate                 | 276. 25167-82-2 | Trichlorophenol (all isomers)              |
| 165. 7758-95-4  | Lead Chloride                               | 220. 10124-50-2 | Potassium Arsenite                 | 277. 27323-41-7 | Triethanolamine<br>Dodecylbenzenesulfonate |
| 166. 13814-96-5 | Lead Fluoborate                             | 221. 7778-50-9  | Potassium Bichromate               | 278. 121-44-8   | Triethylamine                              |
| 167. 7783-46-2  | Lead Fluoride                               | 222. 7789-00-6  | Potassium Chromate                 | 279. 75-50-3    | Trimethylamine                             |
| 168. 10101-63-0 | Lead Iodide                                 | 223. 7722-64-7  | Potassium Permanganate             | 280. 541-09-3   | Uranyl Acetate                             |
| 169. 18256-98-9 | Lead Nitrate                                | 224. 2312-35-8  | Propargite                         | 281. 10102-06-4 | Uranyl Nitrate                             |
| 170. 7428-48-0  | Lead Stearate                               | 225. 79-09-4    | Propionic Acid                     | 282. 1314-62-1  | Vanadium Pentoxide                         |
| 171. 15739-80-7 | Lead Sulfate                                | 226. 123-62-6   | Propionic Anhydride                | 283. 27774-13-6 | Vanadyl Sulfate                            |
| 172. 1314-87-0  | Lead Sulfide                                | 227. 1336-36-3  | Polychlorinated Biphenyls          | 284. 108-05-4   | Vinyl Acetate                              |
| 173. 592-87-0   | Lead Thiocyanate                            | 228. 151-50-8   | Potassium Cyanide                  | 285. 75-35-4    | Vinylidene Chloride                        |
| 174. 58-89-9    | Lindane                                     | 229. 1310-58-3  | Potassium Hydroxide                | 286. 1300-71-6  | Xylenol                                    |
| 175. 14307-35-8 | Lithium Chromate                            | 230. 75-56-9    | Propylene Oxide                    | 287. 557-34-6   | Zinc Acetate                               |
| 176. 121-75-5   | Malthion                                    | 231. 121-29-9   | Pyrethrins                         | 288. 52628-25-8 | Zinc Ammonium Chloride                     |
| 177. 110-16-7   | Maleic Acid                                 | 232. 91-22-5    | Quinoline                          | 289. 1332-07-6  | Zinc Borate                                |
| 178. 108-31-6   | Maleic Anhydride                            | 233. 108-46-3   | Resorcinol                         | 290. 7699-45-8  | Zinc Bromide                               |
| 179. 2032-65-7  | Mercaptodimethur                            | 234. 7446-08-4  | Selenium Oxide                     | 291. 3486-35-9  | Zinc Carbonate                             |
| 180. 592-04-1   | Mercuric Cyanide                            | 235. 7761-88-8  | Silver Nitrate                     | 292. 7646-85-7  | Zinc Chloride                              |
| 181. 10045-94-0 | Mercuric Nitrate                            | 236. 7631-89-2  | Sodium Arsenate                    | 293. 557-21-1   | Zinc Cyanide                               |
| 182. 7783-35-9  | Mercuric Sulfate                            | 237. 7784-46-5  | Sodium Arsenite                    | 294. 7783-49-3  | Zinc Fluoride                              |
| 183. 592-85-8   | Mercuric Thiocyanate                        | 238. 10588-01-9 | Sodium Bichromate                  | 295. 557-41-5   | Zinc Formate                               |
| 184. 10415-75-5 | Mercurous Nitrate                           | 239. 1333-83-1  | Sodium Bifluoride                  | 296. 7779-86-4  | Zinc Hydrosulfite                          |
| 185. 72-43-5    | Methoxychlor                                | 240. 7631-90-5  | Sodium Bisulfite                   | 297. 7779-88-6  | Zinc Nitrate                               |
| 186. 74-93-1    | Methyl Mercaptan                            | 241. 7775-11-3  | Sodium Chromate                    | 298. 127-82-2   | Zinc Phenolsulfonate                       |
| 187. 80-62-6    | Methyl Methacrylate                         | 242. 143-33-9   | Sodium Cyanide                     | 299. 1314-84-7  | Zinc Phosphide                             |
| 188. 298-00-0   | Methyl Parathion                            | 243. 25155-30-0 | Sodium Dodecylbenzene<br>Sulfonate | 300. 16871-71-9 | Zinc Silicofluoride                        |
| 189. 7786-34-7  | Mevinphos                                   | 244. 7681-49-4  | Sodium Fluoride                    | 301. 7733-02-0  | Zinc Sulfate                               |
| 190. 315-18-4   | Mexacarbate                                 | 245. 16721-80-5 | Sodium Hydrosulfide                | 302. 13746-89-9 | Zirconium Nitrate                          |
| 191. 75-04-7    | Monoethylamine                              | 246. 1310-73-2  | Sodium Hydroxide                   | 303. 16923-95-8 | Zirconium Potassium Fluoride               |
|                 |   | 247. 7681-52-9  | Sodium Hypochlorite                | 304. 14644-61-2 | Zirconium Sulfate                          |
|                 |   | 248. 124-41-4   | Sodium Methylate                   | 305. 10026-11-6 | Zirconium Tetrachloride                    |